

CHILDREN AND ADOLESCENTS WITH HIV – Current situation in Sweden, globally -a short update

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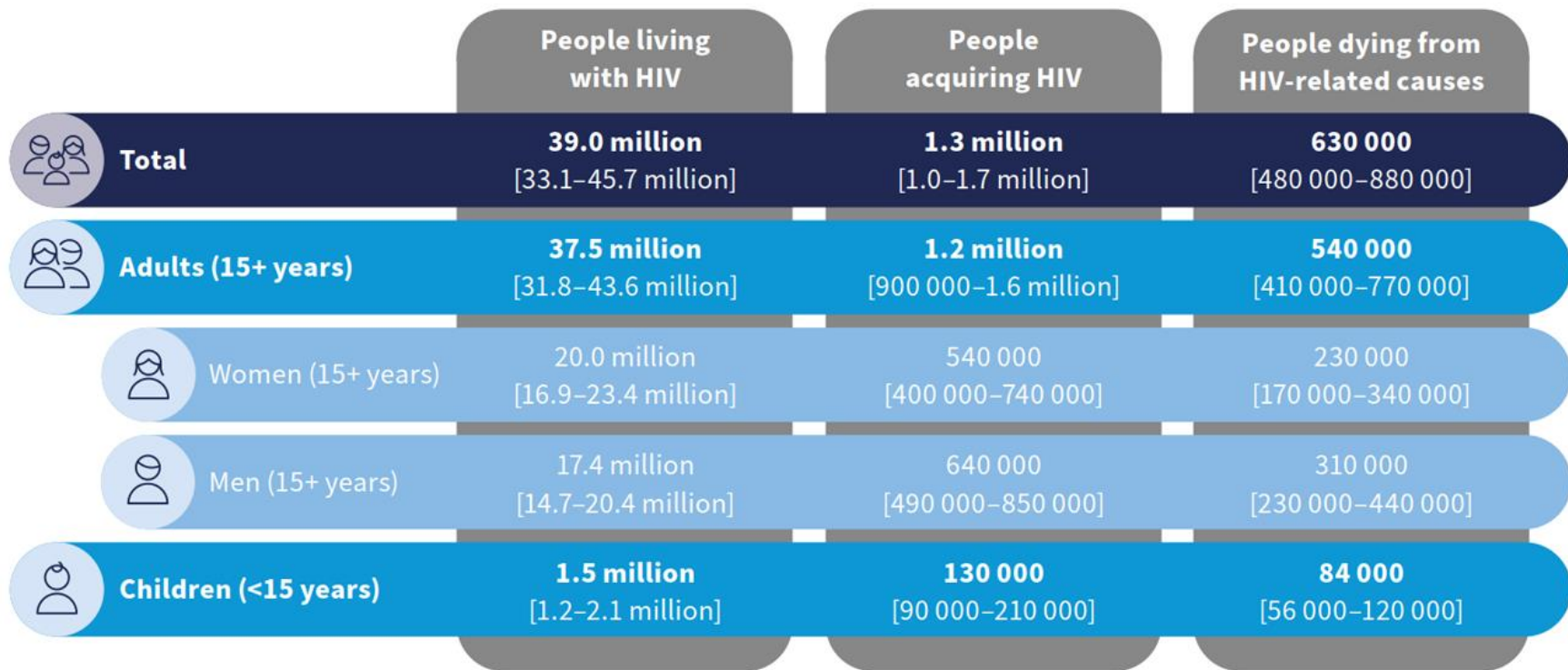
2010

31 million

2,1 million

1,3 million

Summary of the global HIV epidemic, 2022



Source: UNAIDS/WHO estimates, 2023.

310 000

2022-access to antiretroviral treatment

29.8 million people were accessing antiretroviral therapy (7.7 million in 2010.)

76% of all people living with HIV

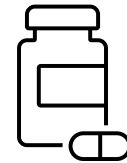
77% of 15 years and older

82% of women

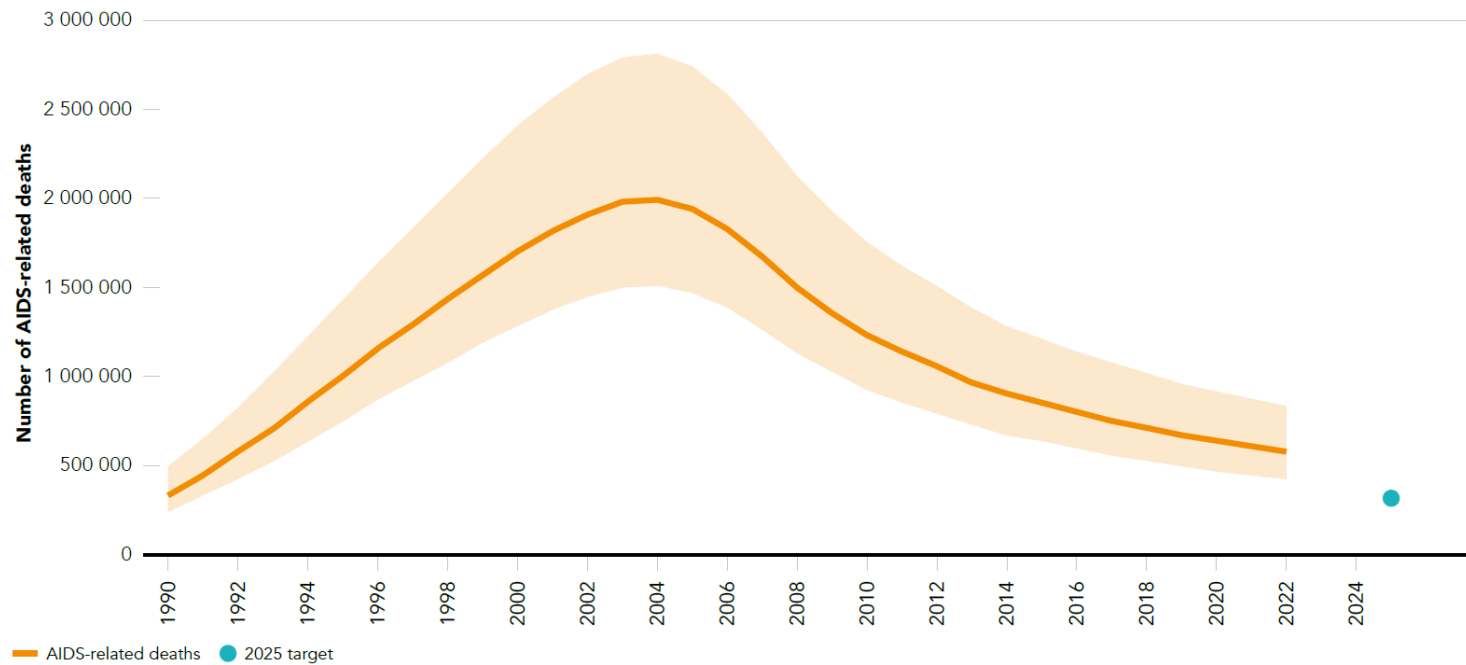
72 % of men

82% of pregnant women

57% of children aged 0–14 years. (16% 2010)

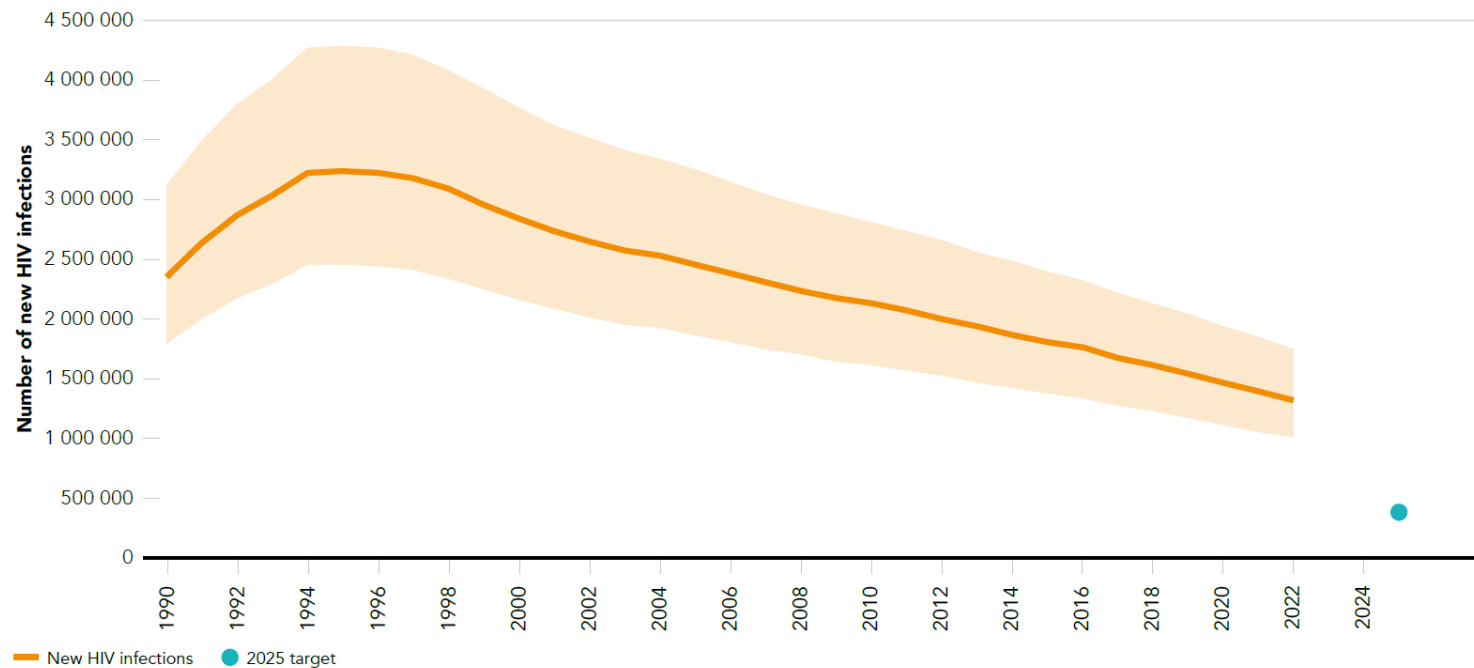


Number of AIDS-related deaths, global, 1990–2022, and 2025 target



Source: UNAIDS epidemiological estimates, 2023 (<https://aidsinfo.unaids.org/>).

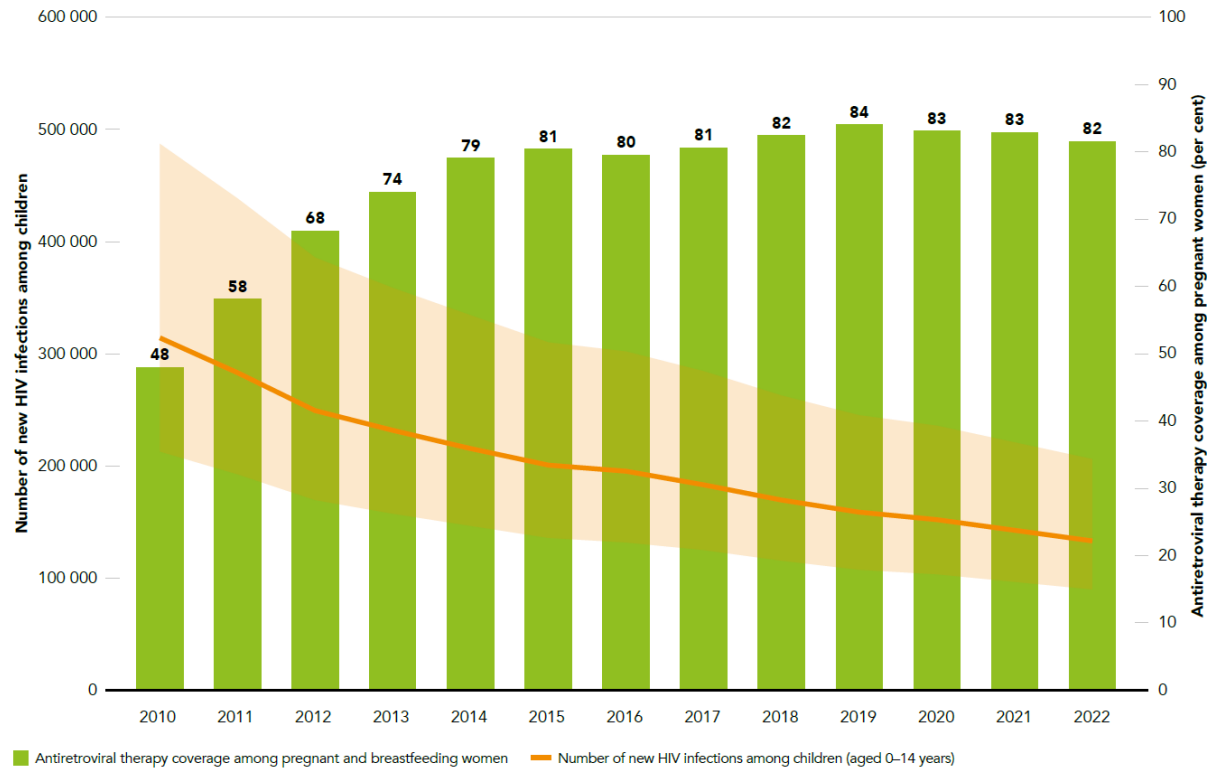
Number of new HIV infections, global, 1990–2022, and 2025 target



Source: UNAIDS epidemiological estimates, 2023 (<https://aidsinfo.unaids.org/>).

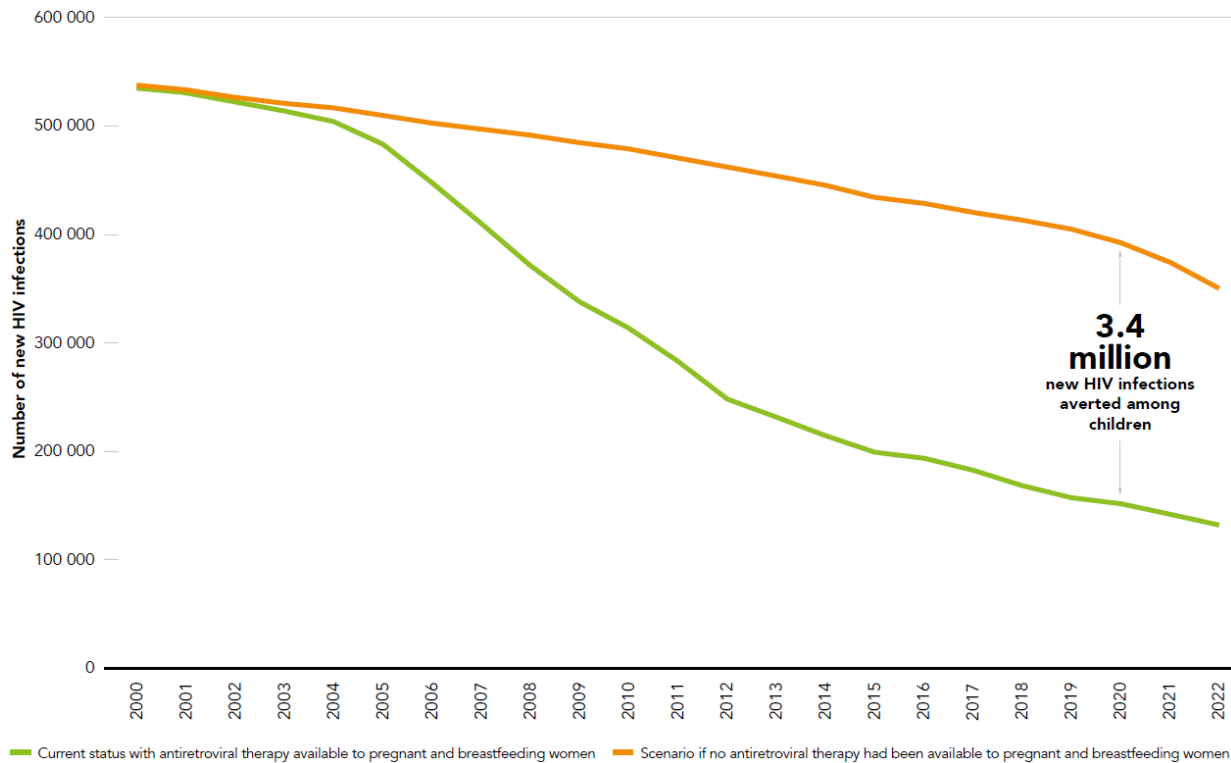
In high-incidence settings in sub-Saharan Africa, adolescent girls and young women (aged 15–24 years) accounted for 25% of HIV infections in 2020, even though they represented only 10% of the total population.

Numbers of new HIV infections among children (aged 0–14 years) and antiretroviral therapy coverage among pregnant and breastfeeding women, global, 2010–2022



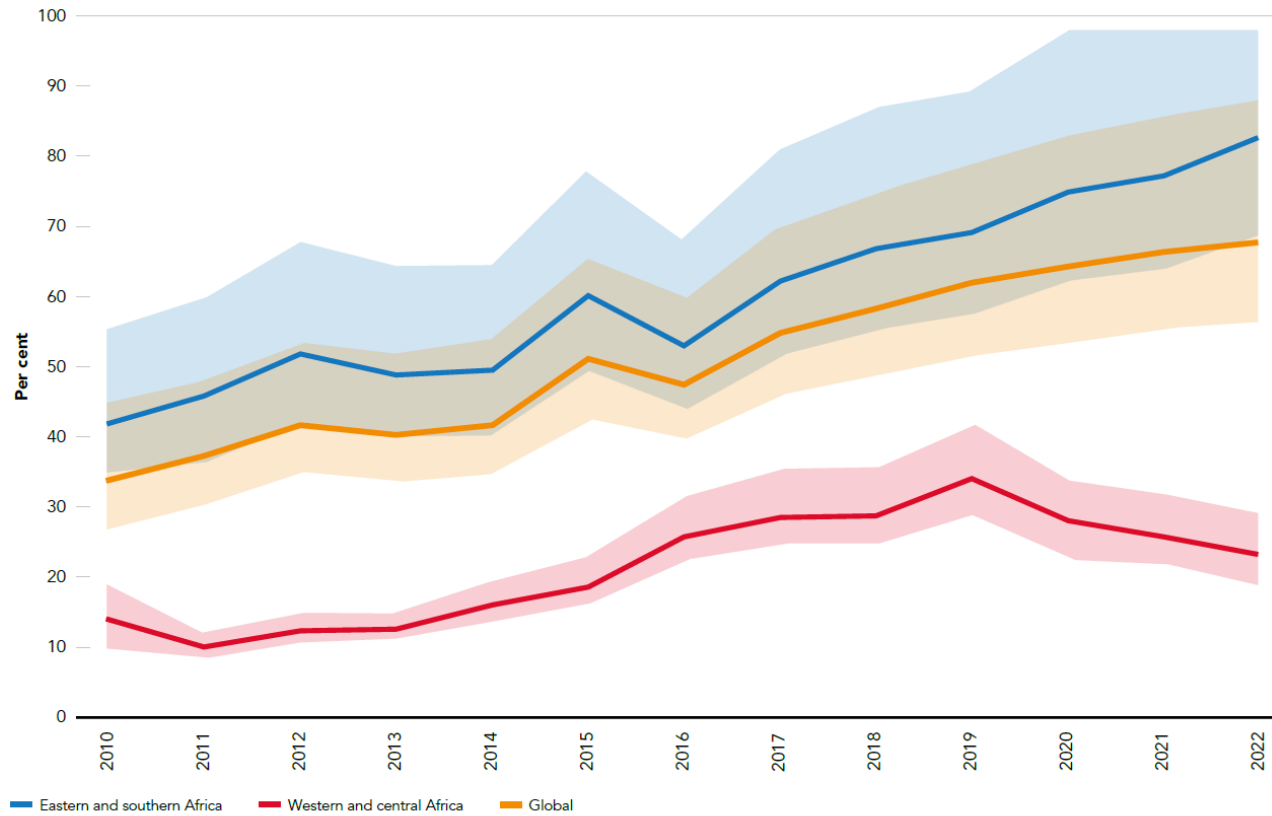
Source: UNAIDS epidemiological estimates, 2023 (<https://aidsinfo.unaids.org/>).

Number of new HIV infections among children (aged 0–14 years) versus scenario without antiretroviral therapy available to pregnant and breastfeeding women, global, 2000–2022



Source: UNAIDS special analysis of epidemiological estimates, 2023.

Percentage of children exposed to HIV who were tested for HIV by two months of age, global and selected regions, 2010–2022



Source: UNAIDS epidemiological estimates, 2023 (<https://aidsinfo.unaids.org/>).

The new Global Alliance for Ending AIDS in Children by 2030

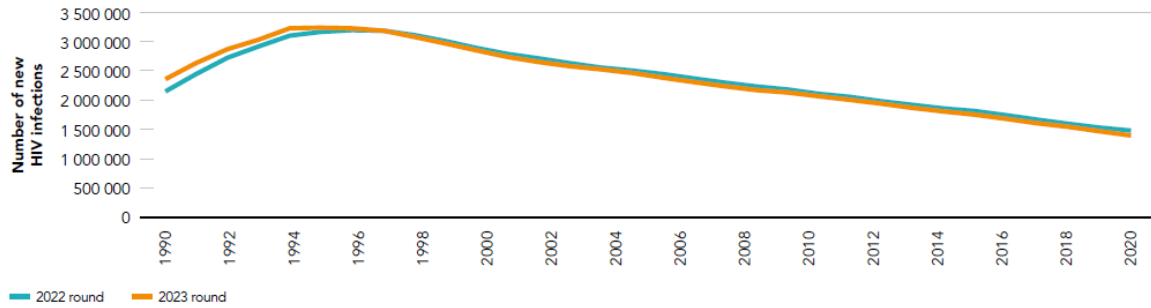
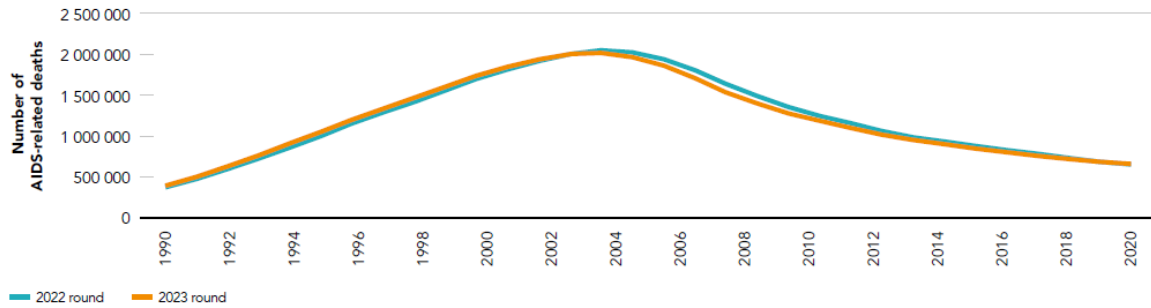
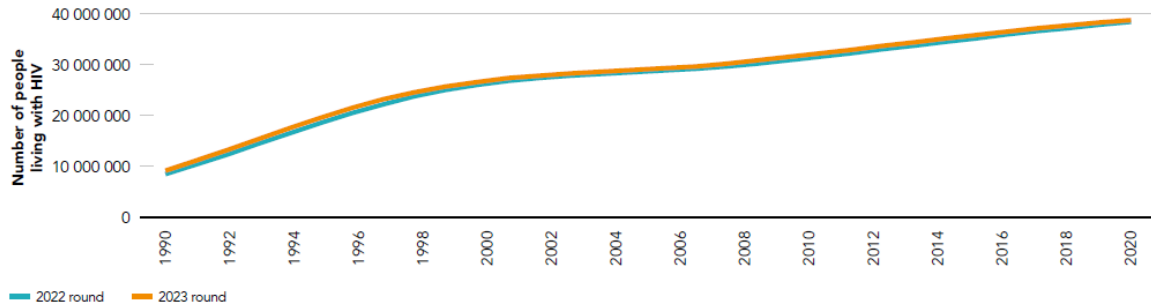
closing the treatment gap for pregnant and breastfeeding adolescent girls and women living with HIV and optimizing continuity of treatment;

preventing and detecting new HIV infections among pregnant and breastfeeding adolescent girls and women;

accessible testing, optimized treatment, and comprehensive care for infants, children, and adolescents exposed to and living with HIV; and

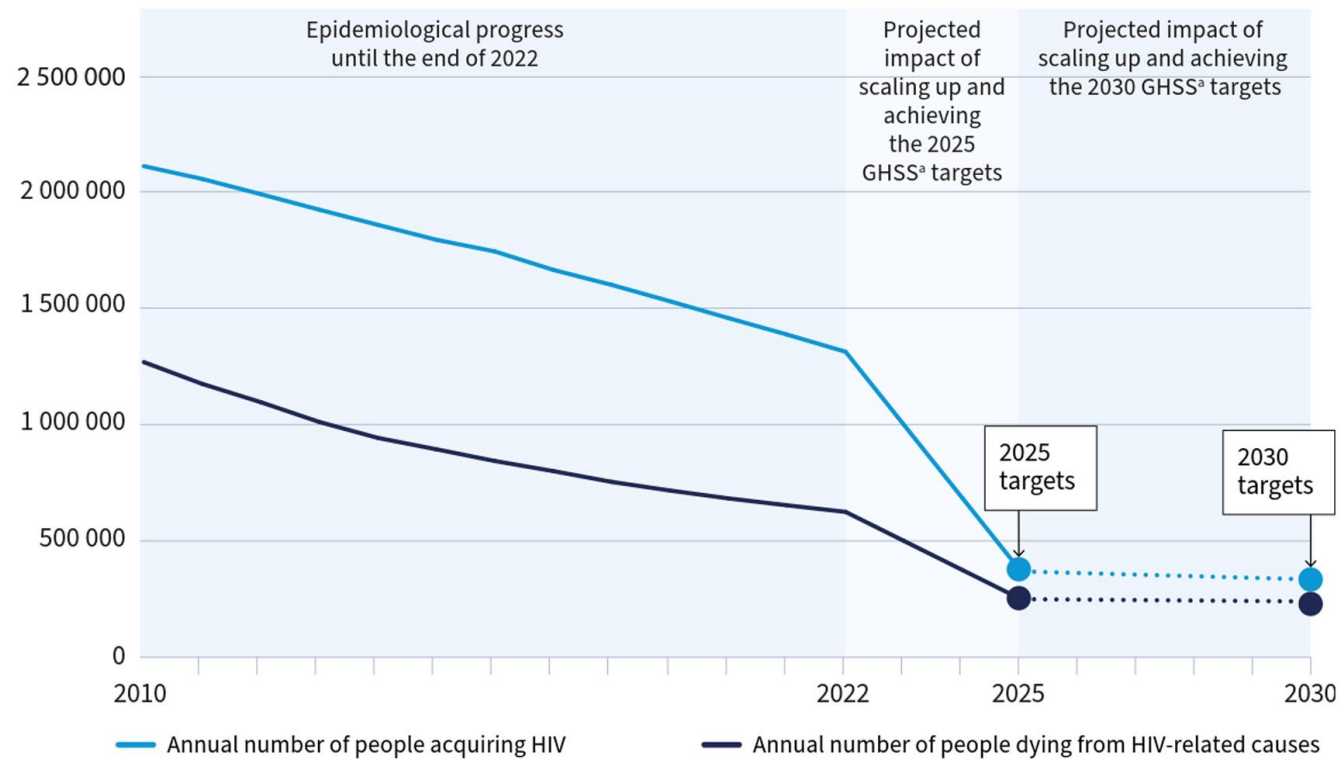
addressing rights, gender equality, and the social and structural barriers that hinder access to services.





Comparison of 2022 and 2023 UNAIDS estimates: people living with HIV, AIDS-related deaths and new HIV infections, global, 1990–2022

Global trends in people acquiring HIV and people dying from HIV-related causes, 2010–2022 and projections to 2030



Note: The United Nations global targets for 2025 are twofold: reducing the number of people acquiring HIV to less than 370 000 and reducing the number of HIV-related deaths to less than 250 000. To end AIDS as a public health threat by 2030, the targets are a 90% reduction of the number of people acquiring HIV and dying from HIV using 2010 as the baseline.

Sources: Avenir Health using 2025 targets and UNAIDS/WHO epidemiological estimates, 2023.

^a Global health sector strategies on, respectively, HIV, viral hepatitis and sexually transmitted infections for the period 2022–2030. Geneva: World Health Organization; 2022 (<https://apps.who.int/iris/handle/10665/360348>, accessed 7 July 2023).

Hiv i Sverige

–8100 hivinfekterade lever i Sverige
(2020)
–446 nya fall 2022 (104 från Ukraina)

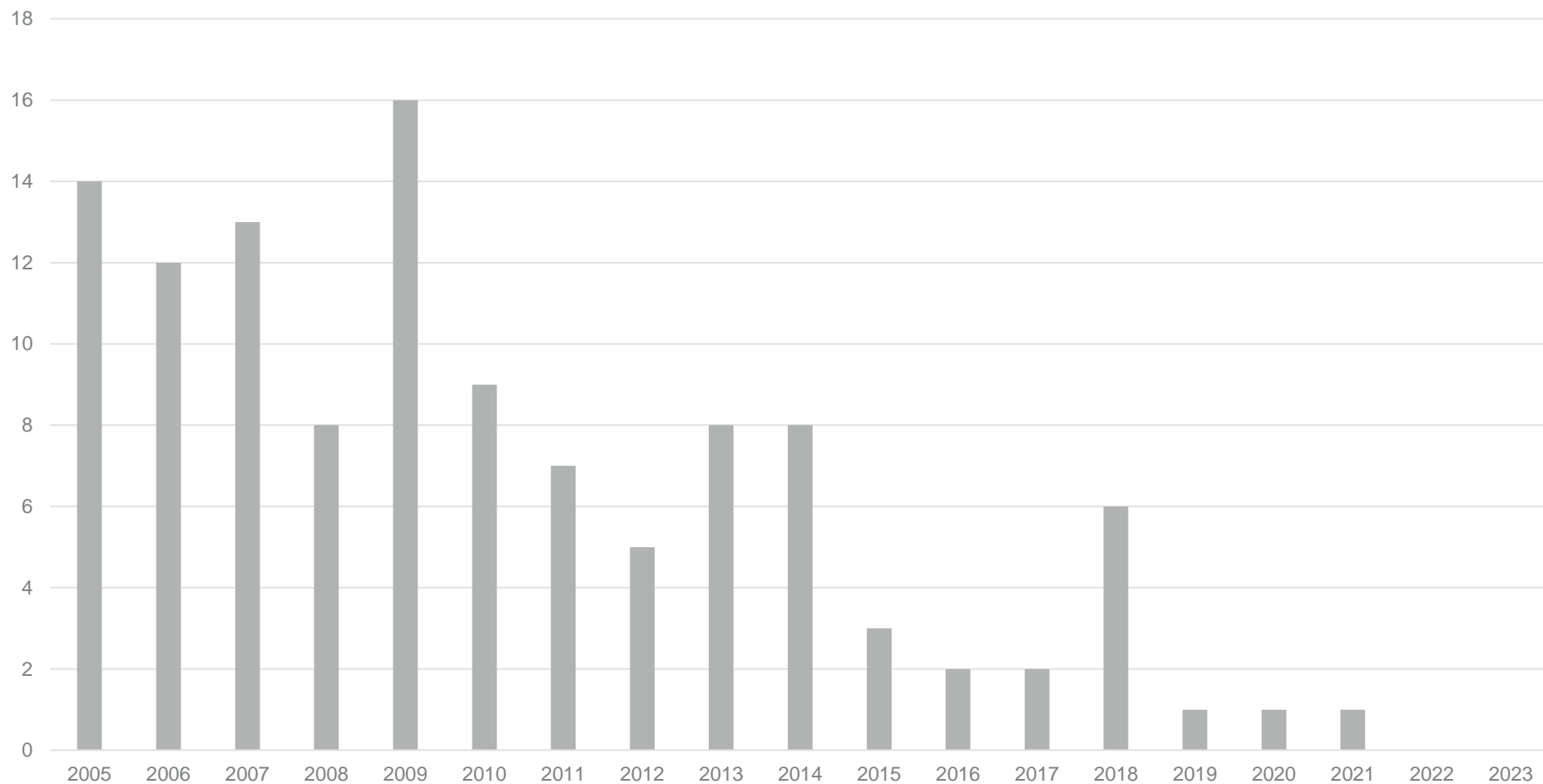
116 barn/ungdomar med hiv
födda 2005-2023

InfCareHiv sept 2023

InfCareHiv/Folkhälso-
myndigheten 2023

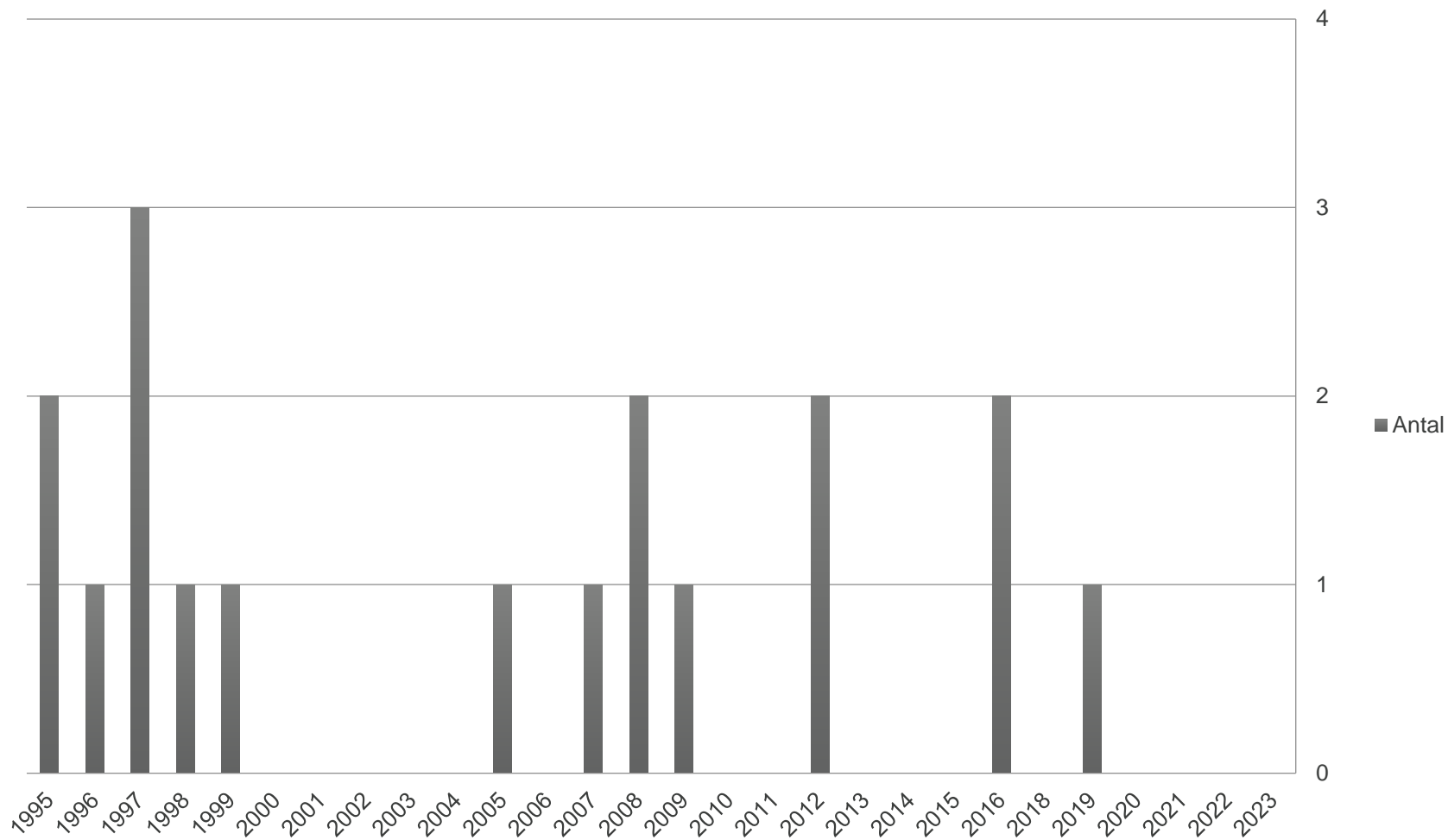


Year of birth, 116 children/adolescents living with HIV, born 2005- and living in Sweden in September 2023



Children HIV-infected by MTCT, born in Sweden 1995- September 2023

Antal



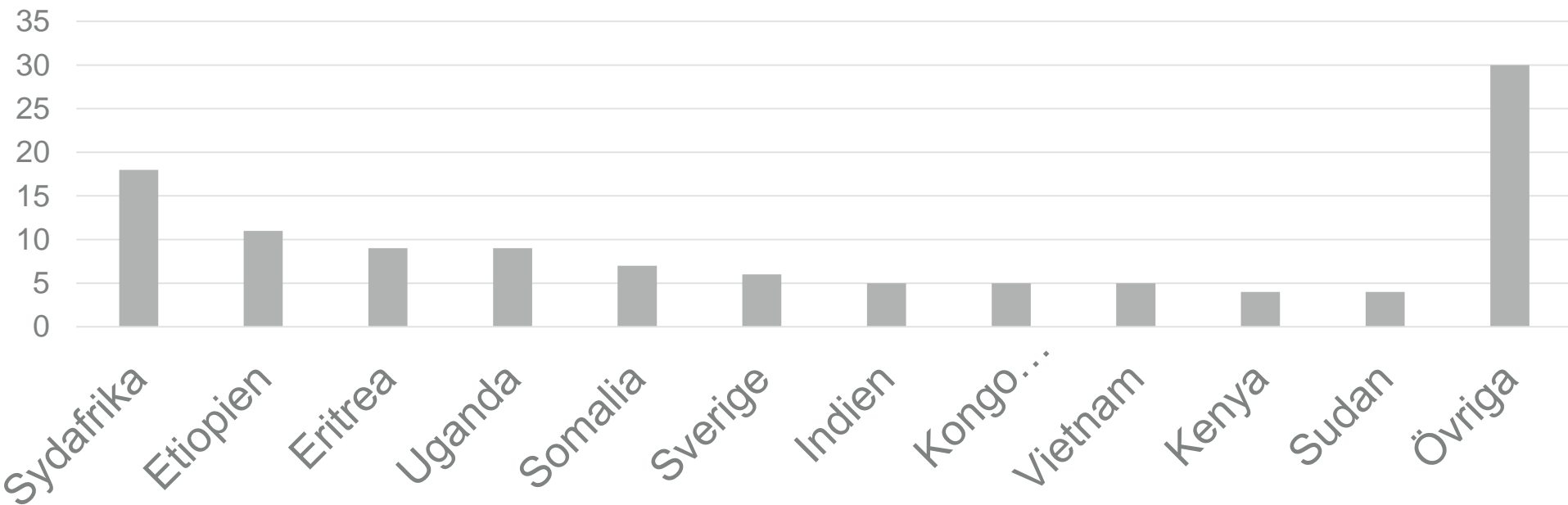
MTCT in Sweden

–Sweden	– 1993	25 %
–Sweden	1994 – 1998	6 %
–Sweden	1999 – 2022	< 0,5 %

MTCT in Stockholm

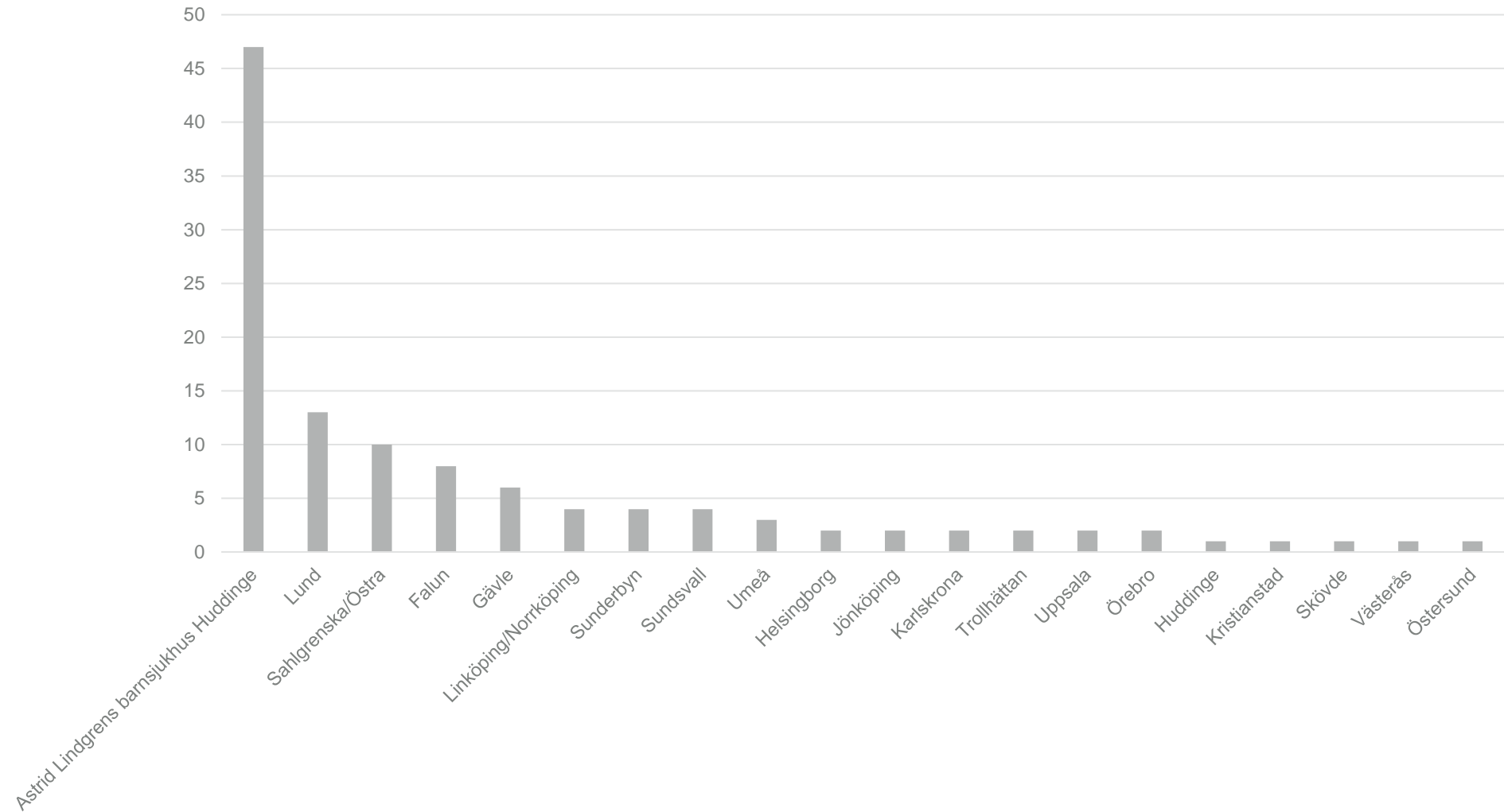
- > 760 children born by HIV+ women 1995 – Sept 2023
- 0 infected by a mother known to be living with HIV
- Vaginal deliveries > 60 %

Country of origin, 113 children and adolescents born 2004– and living in Sweden, September 2022



Hospital clinic, 116 children and adolescents born 2005- and living in Sweden, September 2023

Diagramrubrik



ART combinations at Barnhivmottagningen september 2023

emtricitabin + dolutegravir + tenofovir (TAF)	75,5 %
abacavir + lamivudin + dolutegravir	16,3 %
emtricitabin + tenofovir (TAF) + bictegravir	4,1 %
abacavir + lamivudin + raltegravir	2,0 %
atazanavir + ritonavir (boostrare) + dolutegravir	2,0 %

New drugs available in Sweden 2022-23



Triumeq (lamivudin/doletugravir/abacavir): dispersible tablets from 14 kg-25 kg. Once a day.



Biktarvy (emtricitabin/TAF/dolutegravir): from 2 years and 14 kg. Pill can be divided to facilitate administration. Once a day.